



Dart Aerospace Ltd.  
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K6A 1K7  
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Tel (613) 632-5200  
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**RBW6205G15231-3G**

**Job Sheet 190506**



Part No: RBW6205G15231-3G

Job Qty: 3 pcs **2**

Part Name: AW139 Swashplate Box 1



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 2/11/19

Job Tracking No:

Due Date: 3/8/19

Created By: Dara Macdonald

Type: Stock

Description: **S10P**

Note: DWG RBW6205G15231-3G REV 1 IPP REV A 18.02.15 NEW ISSUE FK VERIFY DP

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation           | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off           |
|-------|---------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|--------------------|
|       |                     |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |                    |
| 100   | Small Fab - 1       | 3 pcs | 3/8/19     | 0.00     | 0.00      |         | Small Fab - 1         |           | <b>ALL</b>         |
|       |                     |       |            |          |           |         | Small Fab - 2         |           |                    |
|       |                     |       |            |          |           |         | Small Fab - 3         |           |                    |
|       |                     |       |            |          |           |         | Small Fab - 4         |           |                    |
|       |                     |       |            |          |           |         | Small Fab - 5         |           |                    |
|       |                     |       |            |          |           |         | Small Fab - 6         |           |                    |
|       |                     |       |            |          |           |         | Small Fab - 7         |           |                    |
| 110   | Small Fab - 2 - B4B | 3 pcs | 3/8/19     | 0.00     | 0.00      |         | Small Fab - 1 - B4B   |           | <b>ALL</b>         |
|       |                     |       |            |          |           |         | Small Fab - 2 - B4B   |           |                    |
|       |                     |       |            |          |           |         | Small Fab - 3 - B4B   |           |                    |
|       |                     |       |            |          |           |         | Small Fab - 4 - B4B   |           |                    |
|       |                     |       |            |          |           |         | Small Fab - 5 - B4B   |           |                    |
|       |                     |       |            |          |           |         | Small Fab - 6 - B4B   |           |                    |
|       |                     |       |            |          |           |         | Small Fab - 7 - B4B   |           |                    |
| 120   | QC 5                | 3 pcs | 3/8/19     | 0.00     | 0.00      |         | QC 5 - 10             |           | <b>DAS 40 9-89</b> |
|       |                     |       |            |          |           |         | QC 5 - 12             |           |                    |
|       |                     |       |            |          |           |         | QC 5 - 17             |           |                    |
|       |                     |       |            |          |           |         | QC 5 - 18             |           |                    |
|       |                     |       |            |          |           |         | QC 5 - 19             |           |                    |
|       |                     |       |            |          |           |         | QC 5 - 22             |           |                    |
|       |                     |       |            |          |           |         | QC 5 - 24             |           |                    |
|       |                     |       |            |          |           |         | QC 5 - 3              |           |                    |
|       |                     |       |            |          |           |         | QC 5 - 42             |           |                    |
|       |                     |       |            |          |           |         | QC 5 - 43             |           |                    |
|       |                     |       |            |          |           |         | QC 5 - 49             |           |                    |
|       |                     |       |            |          |           |         | QC 5 - 51             |           |                    |
|       |                     |       |            |          |           |         | QC 5 - 58             |           |                    |
|       |                     |       |            |          |           |         | QC 5 - 68             |           |                    |
|       |                     |       |            |          |           |         | QC 5 - 9              |           |                    |
|       |                     |       |            |          |           |         | QC 5 - 50             |           |                    |
|       |                     |       |            |          |           |         | QC 5 - 30             |           |                    |



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Email: sales@dartaero.com  
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Container No: S158878



Part: RBW6205G15231-3G

Job No: 190506

Serial No/Batch: S158878

Revision: 1

Inspector:

Exp Date:

Instructions:

Date: 03/05/19

Plex 2/11/19 4:33 PM Dart.Hadley.Shannon

Part Op **100** - Small Fab) 1-Engrave placard RB41011 using marktronic engraver 2-Transfer drill Dart placard RB41011 into Pelican Strom case IM-2875-E 3-Deburr holes and remove chips from case. 4-Rivet Dart placard to Pelican case 5-Glue placard RBW6205G15231-3G-9 to RBW6205G15231-3G-7 foam as per DWG. 6-Glue foam to case and pack case as per DWG.

**110** - (Small Fab) 1-Engrave placard RB41011 using marktronic engraver 2-Transfer drill Dart placard RB41011 into Pelican Strom case IM-2875-E 3-Deburr holes and remove chips from case. 4-Rivet Dart placard to Pelican case 5-Glue placard RBW6205G15231-3G-9 to RBW6205G15231-3G-7 foam as per DWG. 6-Glue foam to case and pack case as per DWG.

**120** - (QC5- Inspect part completeness to step on W/O)

**130** - (Identify as per dwg & Stock Location: \_\_\_\_\_)

**140** - (QC21- Final Inspection - Work Order Release)



## Job BOM

| Part / Item            | Component Name                                                                             | Quantity         | Operation     | Container       |
|------------------------|--------------------------------------------------------------------------------------------|------------------|---------------|-----------------|
| IM2875-EG 152F<br>173F | Pelican Case                                                                               | 3 Ea (1 ea)      | 100-Small     |                 |
| 4611T26 86             | Cup                                                                                        | 6 Ea (2 ea)      | Fab - 1       | 5155729 5128277 |
|                        |                                                                                            |                  | Fab - 2 - B4B | 5150507         |
| 90183A213 63           | BLIND RIVET FLAT WASHER ALUMINUM, ROUND, FOR 1/8" RIVET BODY DIA., 3/8" OD                 | 12 Ea (4 ea)     | 110-Small     |                 |
|                        |                                                                                            |                  | Fab - 2 - B4B | 5058755         |
| 38 97447A130           | Aluminum Blind Rivet W/Aluminum Mandrel Domed, 1/8" Dia., 0.313"-0.375" Material Thickness | 12 Ea (4 ea)     | 110-Small     |                 |
|                        |                                                                                            |                  | Fab - 2 - B4B | 5054330         |
| 5138 AN5-10A           | Bolt                                                                                       | 16 24 Ea (8 ea)  | 110-Small     |                 |
|                        |                                                                                            |                  | Fab - 2 - B4B | 5135805         |
| 5137 AN5-27A           | Bolt 5/16 X 2 31/32 Steel                                                                  | 8 12 Ea (4 ea)   | 110-Small     |                 |
|                        |                                                                                            |                  | Fab - 2 - B4B | 5156677         |
| 5132 AN960-516         | WASHER SEE PART NAS1149F0563P                                                              | 16 24 pcs (8 ea) | 110-Small     |                 |
|                        |                                                                                            |                  | Fab - 2 - B4B | 504458          |
| RB41011                | Dart Tooling Placard, Aluminum                                                             | 3 Ea (1 ea)      | 110-Small     |                 |
|                        |                                                                                            |                  | Fab - 2 - B4B | 5021040         |
| 95 RBW6205G11451-3G    | Clamp                                                                                      | 24 pcs (8 ea)    | 110-Small     |                 |
|                        |                                                                                            |                  | Fab - 2 - B4B | 5134631         |
| 143F RBW6205G11651-3G  | Guide (corner)                                                                             | 3 Ea (1 ea)      | 110-Small     |                 |
|                        |                                                                                            |                  | Fab - 2 - B4B | 5141183         |
| 143F RBW6205G11751-3G  | Guide                                                                                      | 3 pcs (1 ea)     | 110-Small     |                 |
|                        |                                                                                            |                  | Fab - 2 - B4B | 5058370         |
| RBW6205G15231-3G-5     | Bottom Foam use in case IM2875-E                                                           | 3 Ea (1 ea)      | 110-Small     |                 |
|                        |                                                                                            |                  | Fab - 2 - B4B | 5155732 5128279 |
| RBW6205G15231-3G-7     | Lid Foam use in case IM2875-E                                                              | 3 Ea (1 ea)      | 110-Small     |                 |
|                        |                                                                                            |                  | Fab - 2 - B4B | 5155730 5128278 |
| 92 RBW6205G15231-3G-9  | Inside Placard                                                                             | 3 pcs (1 ea)     | 110-Small     |                 |
|                        |                                                                                            |                  | Fab - 2 - B4B | 5138315         |
| 95 RBW6205G15551-3G    | Pin                                                                                        | 3 pcs (1 ea)     | 110-Small     |                 |
|                        |                                                                                            |                  | Fab - 2 - B4B | 5159869         |

## Job Allocations

| Operation               | Component Part     | Required | Inventory | Allocated |
|-------------------------|--------------------|----------|-----------|-----------|
| 100-Small Fab - 1       | IM2875-E           | 3        | 3         | 0         |
| 110-Small Fab - 2 - B4B | 4611T26            | 6        | 16        | 0         |
|                         | 90183A213          | 12       | 487       | 0         |
|                         | 97447A130          | 12       | 96        | 0         |
|                         | AN5-10A            | 24       | 232       | 0         |
|                         | AN5-27A            | 12       | 14        | 0         |
|                         | AN960-516          | 24       | 270       | 0         |
|                         | RB41011            | 3        | 417       | 0         |
|                         | RBW6205G11451-3G   | 24       | 16        | 0         |
|                         | RBW6205G11651-3G   | 3        | 11        | 0         |
|                         | RBW6205G11751-3G   | 3        | 7         | 0         |
|                         | RBW6205G15231-3G-5 | 3        | 3         | 0         |
|                         | RBW6205G15231-3G-7 | 3        | 3         | 0         |
|                         | RBW6205G15231-3G-9 | 3        | 3         | 0         |
|                         | RBW6205G15551-3G   | 3        | 1         | 0         |

|                                    |  |
|------------------------------------|--|
| <b>Part Specifications</b>         |  |
| Specifications could not be found. |  |

*Plex 2/11/19 4:33 PM Dart.Hadley.Shannon*



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**RBW6205G15231-3G**

**Job Sheet 190506**



**Part No:** RBW6205G15231-3G

**Job Qty:** 3 pcs

**Part Name:** AW139 Swashplate Box 1



**Part Weight:** 0 lbs

**Status:** New

**Priority:** Medium

**Job Created:** 2/11/19

**Job Tracking No:**

**Due Date:** 3/8/19

**Created By:** Dara Macdonald

**Type:** Stock

**Description:**

**Note:** DWG RBW6205G15231-3G REV 1 IPP REV A 18.02.15 NEW ISSUE FK VERIFY DP

**Ship Via:**

### Bill of Materials

### Job Routing

| Op No | Operation                   | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier    |           | Sign-off |
|-------|-----------------------------|-------|------------|----------|-----------|---------|------------------------|-----------|----------|
|       |                             |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier  | Lead Time |          |
| 110   | Small Fab - 1               | 3 pcs | 3/8/19     | 0.00     | 0.00      |         | Small Fab - 1          |           |          |
|       |                             |       |            |          |           |         | Small Fab - 2          |           |          |
|       |                             |       |            |          |           |         | Small Fab - 3          |           |          |
|       |                             |       |            |          |           |         | Small Fab - 4          |           |          |
|       |                             |       |            |          |           |         | Small Fab - 5          |           |          |
|       |                             |       |            |          |           |         | Small Fab - 6          |           |          |
|       |                             |       |            |          |           |         | Small Fab - 7          |           |          |
| 120   | QC 5                        | 3 pcs | 3/8/19     | 0.00     | 0.00      |         | QC 5 - 10              |           |          |
|       |                             |       |            |          |           |         | QC 5 - 12              |           |          |
|       |                             |       |            |          |           |         | QC 5 - 17              |           |          |
|       |                             |       |            |          |           |         | QC 5 - 18              |           |          |
|       |                             |       |            |          |           |         | QC 5 - 19              |           |          |
|       |                             |       |            |          |           |         | QC 5 - 22              |           |          |
|       |                             |       |            |          |           |         | QC 5 - 24              |           |          |
|       |                             |       |            |          |           |         | QC 5 - 3               |           |          |
|       |                             |       |            |          |           |         | QC 5 - 42              |           |          |
|       |                             |       |            |          |           |         | QC 5 - 43              |           |          |
|       |                             |       |            |          |           |         | QC 5 - 49              |           |          |
|       |                             |       |            |          |           |         | QC 5 - 51              |           |          |
|       |                             |       |            |          |           |         | QC 5 - 58              |           |          |
|       |                             |       |            |          |           |         | QC 5 - 68              |           |          |
|       |                             |       |            |          |           |         | QC 5 - 9               |           |          |
|       |                             |       |            |          |           |         | QC 5 - 50              |           |          |
|       |                             |       |            |          |           |         | QC 5 - 30              |           |          |
| 130   | Packaging 3-1 - Stock - B4B | 3 pcs | 3/8/19     | 0.00     | 0.00      |         | Packaging 3 - 1 - B4B  |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 2 - B4B  |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 3 - B4B  |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 4 - B4B  |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 5 - B4B  |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 6 - B4B  |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 7 - B4B  |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 8 - B4B  |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 9 - B4B  |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 10 - B4B |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 11 - B4B |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 12 - B4B |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 13 - B4B |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 14 - B4B |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 15 - B4B |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 16 - B4B |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 17 - B4B |           |          |

|     |            |       |        |                        |                 |
|-----|------------|-------|--------|------------------------|-----------------|
|     |            |       |        | Packaging 3 - 18 - B4B |                 |
|     |            |       |        | Packaging 3 - 19 - B4B |                 |
|     |            |       |        | Packaging 3 - 20 - B4B |                 |
|     |            |       |        | Packaging 3 - 21 - B4B |                 |
|     |            |       |        | Packaging 3 - 22 - B4B |                 |
|     |            |       |        | Packaging 3 - 23 - B4B |                 |
|     |            |       |        | Packaging 3 - 24 - B4B |                 |
|     |            |       |        | Packaging 3 - 25 - B4B |                 |
|     |            |       |        | Packaging 3 - 26 - B4B |                 |
|     |            |       |        | Packaging 3 - 27 - B4B |                 |
|     |            |       |        | Packaging 3 - 28 - B4B |                 |
|     |            |       |        | Packaging 3 - 29 - B4B |                 |
|     |            |       |        | Packaging 3 - 30 - B4B |                 |
|     |            |       |        | Packaging 3 - 31 - B4B |                 |
|     |            |       |        | Packaging 3 - 32 - B4B |                 |
|     |            |       |        | Packaging 3 - 33 - B4B |                 |
|     |            |       |        | Packaging 3 - 34 - B4B |                 |
|     |            |       |        | Packaging 3 - 35 - B4B |                 |
|     |            |       |        | Packaging 3 - 36 - B4B |                 |
| 140 | QC 21 - FG | 3 pcs | 3/8/19 | 0.00 0.00              | QC 21 - FG - 21 |
|     |            |       |        |                        | QC 21 - FG - 70 |
|     |            |       |        |                        | QC 21 - SA - 53 |

Part Op **110** - (Small Fab) 1-Engrave placard RB41011 using marktronic engraver 2-Transfer drill Dart placard RB41011 into Descriptions: Pelican Strom case IM-2875-E 3-Deburr holes and remove chips from case. 4-Rivet Dart placard to Pelican case 5-Glue placard RBW6205G15231-3G-9 to RBW6205G15231-3G-7 foam as per DWG. 6-Glue foam to case and pack case as per DWG.

**120** - (QC5- Inspect part completeness to step on W/O)

**130** - (Identify as per dwg & Stock Location: \_\_\_\_\_)

**140** - (QC21- Final Inspection - Work Order Release)

#### Job BOM

| Part / Item        | Component Name                                                                             | Quantity      | Operation            | Container |
|--------------------|--------------------------------------------------------------------------------------------|---------------|----------------------|-----------|
| 4611T26            | Cup                                                                                        | 6 Ea (2 ea)   | 110-Small<br>Fab - 1 |           |
| 90183A213          | BLIND RIVET FLAT WASHER ALUMINUM, ROUND, FOR 1/8" RIVET BODY DIA., 3/8" OD                 | 12 Ea (4 ea)  | 110-Small<br>Fab - 1 |           |
| 97447A130          | Aluminum Blind Rivet W/Aluminum Mandrel Domed, 1/8" Dia., 0.313"-0.375" Material Thickness | 12 Ea (4 ea)  | 110-Small<br>Fab - 1 |           |
| AN5-10A            | Bolt                                                                                       | 24 Ea (8 ea)  | 110-Small<br>Fab - 1 |           |
| AN5-27A            | Bolt 5/16 X 2 31/32 Steel                                                                  | 12 Ea (4 ea)  | 110-Small<br>Fab - 1 |           |
| AN960-516          | WASHER SEE PART NAS1149F0563P                                                              | 24 pcs (8 ea) | 110-Small<br>Fab - 1 |           |
| IM2875-E           | Pelican Case                                                                               | 3 Ea (1 ea)   | 110-Small<br>Fab - 1 |           |
| RB41011            | Dart Tooling Placard, Aluminum                                                             | 3 Ea (1 ea)   | 110-Small<br>Fab - 1 |           |
| RBW6205G11451-3G   | Clamp                                                                                      | 24 pcs (8 ea) | 110-Small<br>Fab - 1 |           |
| RBW6205G11651-3G   | Guide                                                                                      | 3 Ea (1 ea)   | 110-Small<br>Fab - 1 |           |
| RBW6205G11751-3G   | Guide                                                                                      | 3 pcs (1 ea)  | 110-Small<br>Fab - 1 |           |
| RBW6205G15231-3G-5 | Bottom Foam use in case IM2875-E                                                           | 3 Ea (1 ea)   | 110-Small<br>Fab - 1 |           |
| RBW6205G15231-3G-7 | Lid Foam use in case IM2875-E                                                              | 3 Ea (1 ea)   | 110-Small<br>Fab - 1 |           |
| RBW6205G15231-3G-9 | Inside Placard                                                                             | 3 pcs (1 ea)  | 110-Small<br>Fab - 1 |           |
| RBW6205G15551-3G   | Pin                                                                                        | 3 pcs (1 ea)  | 110-Small<br>Fab - 1 |           |

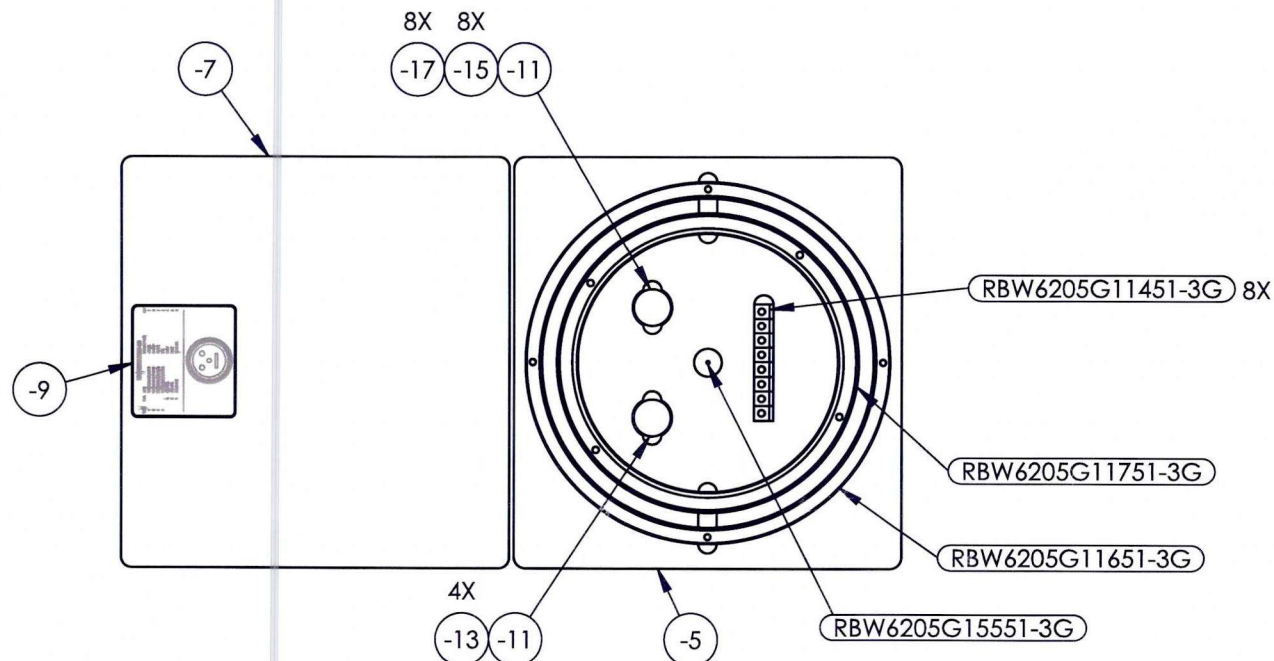


| Job Allocations                    |                    |          |           |           |
|------------------------------------|--------------------|----------|-----------|-----------|
| Operation                          | Component Part     | Required | Inventory | Allocated |
| 110-Small Fab - 1                  | 4611T26            | 6        | 16        | 0         |
|                                    | 90183A213          | 12       | 487       | 0         |
|                                    | 97447A130          | 12       | 96        | 0         |
|                                    | AN5-10A            | 24       | 232       | 0         |
|                                    | AN5-27A            | 12       | 14        | 0         |
|                                    | AN960-516          | 24       | 270       | 0         |
|                                    | IM2875-E           | 3        | 3         | 0         |
|                                    | RB41011            | 3        | 419       | 0         |
|                                    | RBW6205G11451-3G   | 24       | 16        | 0         |
|                                    | RBW6205G11651-3G   | 3        | 11        | 0         |
|                                    | RBW6205G11751-3G   | 3        | 7         | 0         |
|                                    | RBW6205G15231-3G-5 | 3        | 3         | 0         |
|                                    | RBW6205G15231-3G-7 | 3        | 3         | 0         |
|                                    | RBW6205G15231-3G-9 | 3        | 3         | 0         |
|                                    | RBW6205G15551-3G   | 3        | 1         | 0         |
| Part Specifications                |                    |          |           |           |
| Specifications could not be found. |                    |          |           |           |

Plex 2/11/19 8:31 AM Dart.Macdonald.Dara

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| REVISIONS |         |                                                                                                                  |           |         |          |
|-----------|---------|------------------------------------------------------------------------------------------------------------------|-----------|---------|----------|
| REV       | ECR     | DESCRIPTION                                                                                                      | DATE      | INITIAL | APPROVED |
| A         |         | -5 ADDED FINGER CUTOUTS. -7 CH'D PLACARD CUTOUT TO RECESSED, CH'D MATERIAL WAS EGGSHELL IS C200 FLAT.            | 5/24/2011 | RJC     | RW       |
| 1         | 15-0175 | -7 CH'D MATERIAL WAS C200 FLAT IS Y20 BLACK. -9 DELETED CONTENT LIST FROM PLACARD. -19, -21, & -23 ADDED TO BOM. | 7/17/2015 | RJC     | JAG      |



| ASSY QTY | ASSY QTY | B/O | Part # | UNIT QTY | Description        | Material          | B/O INFORMATION OR SPECIFICATIONS            | PG. |
|----------|----------|-----|--------|----------|--------------------|-------------------|----------------------------------------------|-----|
|          |          |     |        | 1        | GUIDE              |                   | RBW6205G11651-3G                             | 1   |
|          |          |     |        | 8        | CLAMP              |                   | RBW6205G11451-3G                             | 1   |
|          |          |     |        | 1        | GUIDE              |                   | RBW6205G11751-3G                             | 1   |
|          |          |     |        | 1        | PIN                | W1 TOOL STEEL     | RBW6205G15551-3G                             | 1   |
|          |          | B/O | -3     | 1        | CASE               | PLASTIC, BLACK    | 11.40 X 21.10 X 22.50 PELICAN STORM IM2875-E | N/S |
|          |          | B/O | -5     | 1        | BOTTOM FOAM        | Y20 BLACK         | 9-1/2 X 21 X 22-1/2 IR SPECIALTY FOAM        | 2   |
|          |          | B/O | -7     | 1        | LID FOAM           | Y20 BLACK         | 2 X 21 X 22-1/2 IR SPECIALTY FOAM            | 3   |
|          |          |     | -9     | 1        | INSIDE PLACARD     | PLASTIC           |                                              | 4   |
|          |          | B/O | -11    | 2        | CUP                | CLEAR PLOYSTYRENE | Ø1.77 X 4.02 (MCMaster-CARR #4611T26)        | 1   |
|          |          | B/O | -13    | 4        | BOLT               | STEEL             | AN5-27A                                      | 1   |
|          |          | B/O | -15    | 8        | BOLT               | STEEL             | AN5-10A                                      | 1   |
|          |          | B/O | -17    | 8        | WASHER             | ALUMINUM          | AN960-516                                    | NS  |
|          |          | B/O | -19    | 1        | DART PLACARD       | ALUMINUM          | #RB41011                                     | N/S |
|          |          | B/O | -21    | 4        | RIVET              | ALUMINUM          | Ø1/8 X .525 (MCMaster-CARR #97447A130)       | N/S |
|          |          | B/O | -23    | 4        | BLIND RIVET WASHER | ALUMINUM          | Ø1/8 (MCMaster-CARR #90183A213)              | N/S |

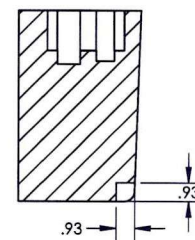
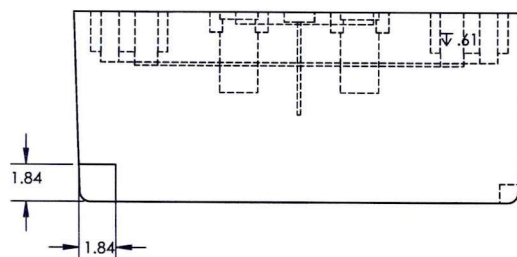
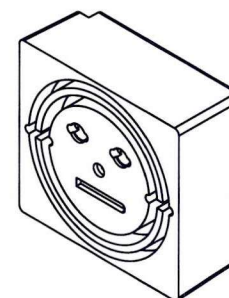
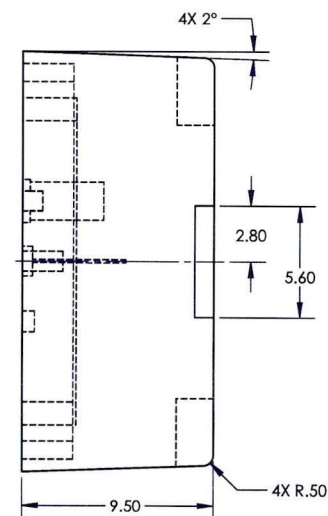
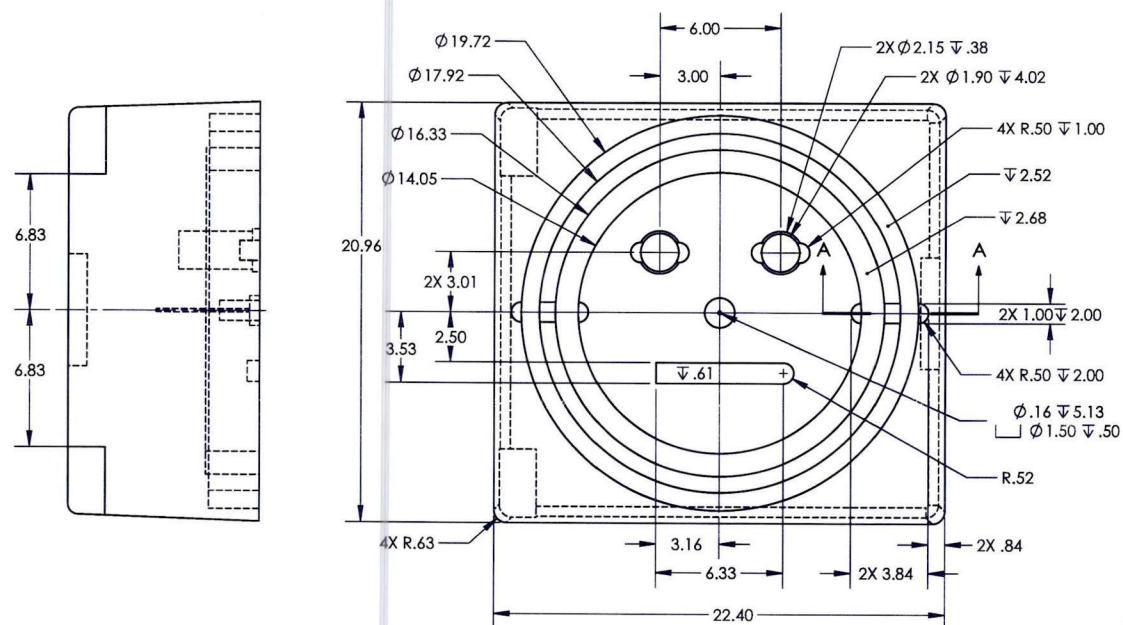
NOTE:  
REF. AGUSTA T/N: 3G6205G15231.  
PART OF KIT RBW6205G11231-3G.

|                                                                                                                                                                                                                                             |                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>DART<br/>AEROSPACE</b>                                                                                                                                                                                                                   |                                                                                                        |
| TITLE<br><b>AW139 SWASHPLATE KIT</b>                                                                                                                                                                                                        |                                                                                                        |
| DWG NO.<br><b>RBW6205G15231-3G</b>                                                                                                                                                                                                          |                                                                                                        |
| REV<br><b>1</b>                                                                                                                                                                                                                             |                                                                                                        |
| MAT'L<br>UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>.XXX ± .005<br>.XX ± .01<br>.X ± .1<br>FRACTIONS ± 1/8<br>ANGLES ± 5°<br>1. BREAK ALL SHARP EDGES .015 x 45°<br>OR .015R<br>2. DIMENSIONAL LIMITS APPLY AFTER<br>PLATING | DRAWN BY: CLOUGH<br>APPROVED: <i>D Weil</i><br>HEAT TREAT<br>FINISH<br>SPEC<br>USED ON MODEL<br>AGUSTA |
| SCALE<br>1:10                                                                                                                                                                                                                               | DATE<br>1/31/2011                                                                                      |
| SHEET 1 OF 4                                                                                                                                                                                                                                |                                                                                                        |



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| REVISIONS |     |                          |           |         |
|-----------|-----|--------------------------|-----------|---------|
| REV       | ECR | DESCRIPTION              | DATE      | INITIAL |
| A         |     | -5 ADDED FINGER CUTOUTS. | 5/24/2011 | RJC     |
|           |     |                          |           | RW      |



SECTION A-A

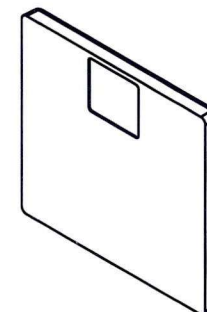
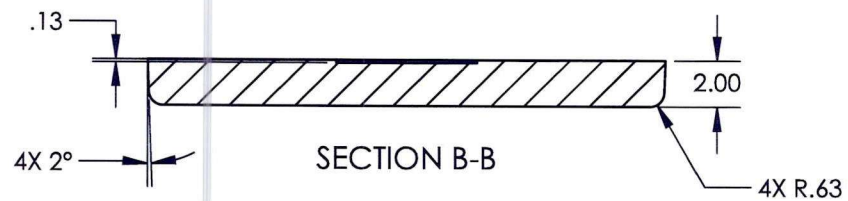
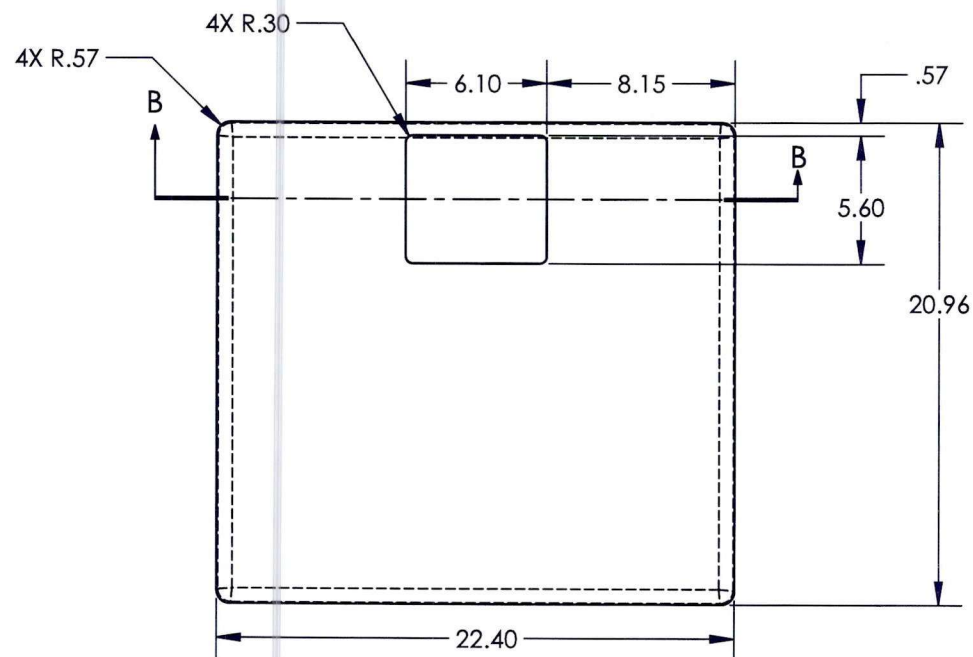
(5)

BOTTOM FOAM

|                                           |           |                      |  |
|-------------------------------------------|-----------|----------------------|--|
|                                           |           | TITLE                |  |
|                                           |           | AW139 SWASHPLATE KIT |  |
| DWG NO.                                   |           | REV                  |  |
| RBW6205G15231-3G-5                        |           | 1                    |  |
| MATERIAL: Y20 BLACK                       |           | DRAWN BY: CLOUGH     |  |
| UNLESS OTHERWISE SPECIFIED                |           | APPROVED             |  |
| DIMENSIONS ARE IN INCHES                  |           | REVIEW               |  |
| .XXX ± .005                               |           | DATE                 |  |
| .XX ± .01                                 |           | FINISH               |  |
| X ± .1                                    |           | SPEC                 |  |
| 1. BREAK ALL SHARP EDGES .015 x 45°       |           | USED ON MODEL        |  |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING |           | AGUSTA               |  |
| SCALE                                     | DATE      | SHEET 2 OF 4         |  |
| 1:6                                       | 1/31/2011 |                      |  |

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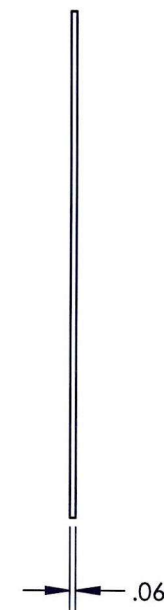
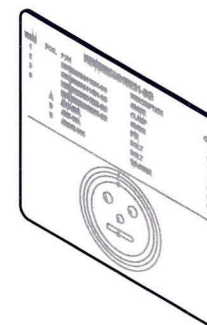
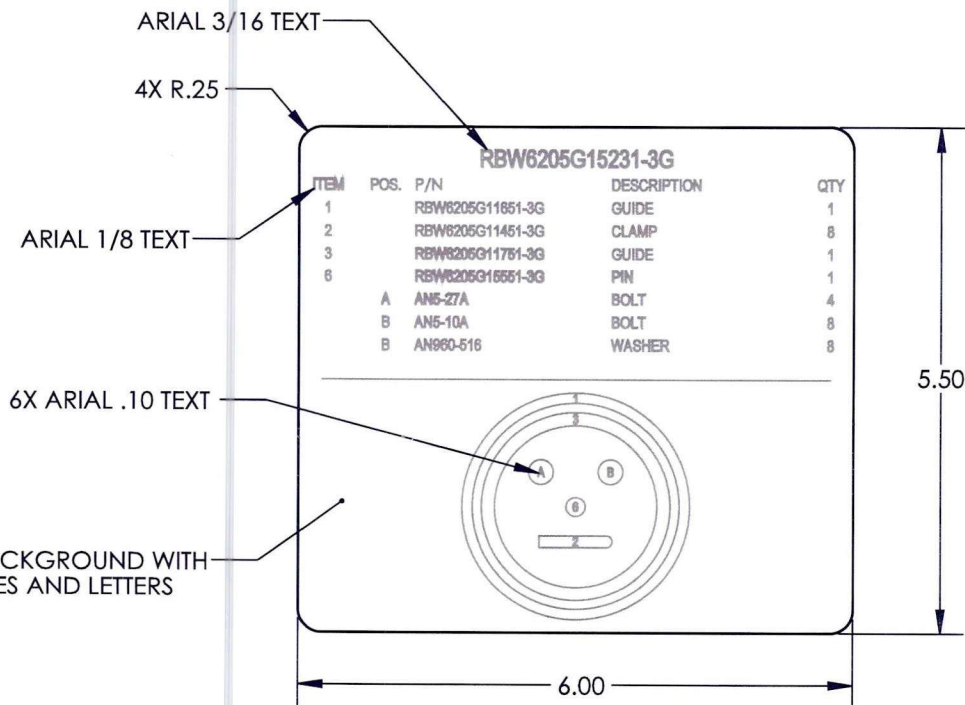
| REVISIONS |         |                                                                              |           |         |          |
|-----------|---------|------------------------------------------------------------------------------|-----------|---------|----------|
| REV       | ECR     | DESCRIPTION                                                                  | DATE      | INITIAL | APPROVED |
| A         |         | -7 CH'D PLACARD CUTOUT TO RECESSED, CH'D MATERIAL WAS EGGSHELL IS C200 FLAT. | 5/24/2011 | RJC     | RW       |
| 1         | 15-0175 | -7 CH'D MATERIAL WAS C200 FLAT IS Y20 BLACK.                                 | 7/17/2015 | RJC     | JAG      |



|                                                                                                                           |                                 |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <b>DART<br/>AEROSPACE</b>                                                                                                 |                                 |
| TITLE<br><b>AW139 SWASHPLATE KIT</b>                                                                                      |                                 |
| DWG NO.<br><b>RBW6205G15231-3G-7</b>                                                                                      | REV<br><b>1</b>                 |
| MAT'L<br><b>Y20 BLACK</b>                                                                                                 | DRAWN BY:<br><b>CLOUGH</b>      |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>.XXX ± .005 FRACTIONS ± 1/8<br>.XX ± .01 ANGLES ± 5°<br>.X ± .1 | APPROVED<br><i>D Weil</i>       |
| 1. BREAK ALL SHARP EDGES .015 x 45°<br>OR .015R<br>2. DIMENSIONAL LIMITS APPLY AFTER<br>PLATING                           | HEAT<br>TREAT<br>FINISH<br>SPEC |
|                                                                                                                           | USED ON MODEL<br><b>AGUSTA</b>  |
| SCALE<br><b>1:6</b>                                                                                                       | DATE<br><b>1/31/2011</b>        |
| SHEET 3 OF 4                                                                                                              |                                 |

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| REVISIONS |         |                                       |           |         |          |
|-----------|---------|---------------------------------------|-----------|---------|----------|
| REV       | ECR     | DESCRIPTION                           | DATE      | INITIAL | APPROVED |
| 1         | 15-0175 | -9 DELETED CONTENT LIST FROM PLACARD. | 7/17/2015 | RJC     | JAG      |



⑨  
INSIDE PLACARD

|                                                        |                        |
|--------------------------------------------------------|------------------------|
| <b>DART<br/>AEROSPACE</b>                              |                        |
| TITLE<br><b>AW139 SWASHPLATE KIT</b>                   |                        |
| DWG NO.<br><b>RBW6205G15231-3G-9</b>                   | REV<br><b>1</b>        |
| MAT'L PLASTIC                                          | DRAWN BY: CLOUGH       |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES | APPROVED <i>D Weil</i> |
| .XXX ± .005                                            | HEAT TREAT             |
| .XX ± .01                                              | FINISH                 |
| .X ± .1                                                | SPEC                   |
| 1. BREAK ALL SHARP EDGES .015 x 45°<br>OR .015R        | USED ON MODEL          |
| 2. DIMENSIONAL LIMITS APPLY AFTER<br>PLATING           | AGUSTA                 |
| SCALE 1:2                                              | DATE 1/31/2011         |
| SHEET 4 OF 4                                           |                        |



Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                        |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Sequence #:                                                                                                                       | QTY Affected :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | MRB (QSI042)           |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                   | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | Completed By           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | Lead hand / Supervisor |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | QC / QA Coordinator    |  |
| <b>Root Cause</b><br><br><div style="display: flex; flex-direction: column;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Preservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |  |                        |  |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |